

## Curriculum vitae



### PERSONAL INFORMATION

Simona Manzella

Date of birth: 03/07/1992

Nationality: Italian

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JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR  
PERSONAL STATEMENT

Internship in neuroscience, electrophysiology; in order to improve my knowledge of electrophysiology and biophysics techniques.

### QUALIFICATION

- October 2015 – December 2017 Master Degree in Neurobiology – Università degli Studi di Pavia, Italy.
- February – September 2015 English language certificate at British Cultural Center “Cambridge Academy”, Palermo, Italy.
- August 2015 Certificate of Studies “General English” at “EC London” School, London, UK.
- October 2011 - July 2015 Bachelor Degree in Biology – Università degli Studi di Palermo, Italy.  
Thesis title “Role of the MGMT gene in Glioblastoma Multiforme”.
- September 2006 – June 2011 High School diploma at Istituto Liceo Classico “Emanuele Basile”, Monreale (Palermo), Italy.

### PROFESSIONAL EMPLOYMENT/INTERNSHIPS

- March 2016 – December 2017 - Laboratory of Electrophysiology and Biophysics of Ion Channels, Università degli Studi di Pavia.  
Learning about techniques of Patch Clamp in Whole Cell configuration.
- April 2015 – June 2015 - Hospital Department of Pathological Anatomy - A.R.N.A.S. Azienda di Rilievo Nazionale e di Alta Specializzazione, Civico “Di Cristina-Benfratelli”  
Learning of Immunohistochemical techniques, routine and special colorations of oncological material and molecular techniques.

## PROFESSIONAL TRAINING

6 – 8 September 2017      Participation at the 68th national congress of The Physiological Society of Italy, Participating in the publication of the work: " The human induced pluripotent stem cells: an in vitro model to study possible functional markers of Huntington's Disease".

## LANGUAGE SKILLS

Mother language                      - Italian  
Other languages                        - English  
  
(European level Intermediate B1.2 of Common European Framework of Reference for Languages (CEFR). Getting a positive result in Reading and Writing skills Pass and Speaking and Listening skills Pass).

## PERSONAL SKILLS

Good Social and Organization Skills, both in a team and individually.

Digital Skills                            - Good knowledge of Windows operating system.  
  
- Good knowledge of Microsoft Office (Word, Excel, PowerPoint).  
- Knowledge of the main Internet Browsers and the database Pubmed.  
- Knowledge of the software for acquisition and data analysis "p-Clamp"  
(Clampex and Clampfit).

Technical Skills                        - Knowledge of the whole-cell patch-clamp technique on brain slices.  
  
- Knowledge of Immunohistochemical techniques (Hybridation in situ: FISH, SISH).  
  
- Knowledge of Molecular techniques (Polymerase Chain Reaction, column chromatography, pyrosequencing technique, RNA/DNA extraction).

Other Occupations                    2008 – 2015 - Working at the theater company "I Policandri", San Giuseppe Iato (Palermo), Italy. Gaining good communicative and organizational skills.